

IN THE CLAIMS

Please amend the claims as follows:

1-164. (Cancelled)

144. (Withdrawn) A method of facilitating placing an order for an item, the method comprising:

_____ using a server system:

_____ communicating data to a client system, the data including information related to an item; and

_____ using a client system:

_____ receiving an order request;

_____ automatically determining an item identity for the item utilizing the information related to the item;

_____ automatically retrieving personal information of a user associated with the client system, the retrieved personal information having been previously stored; and

_____ causing an order to be placed, the order including the item identity and the retrieved personal information.

145. (Withdrawn) The method of claim 144 wherein the order request is received at the client system through detection of an order action by the user utilizing the client system.

146. (Withdrawn) The method of claim 145 wherein the order action is performed during the showing and/or describing of the item via the client system utilizing the information related to the item.

147. (Withdrawn) The method of 145 wherein the order action includes input of the item identity into the client system.

148. (Withdrawn) The method of claim 145 wherein the automatic determination of the item identity includes relating the order action to the information related to the item.

149. (Withdrawn) The method of claim 148 wherein the relating includes the detecting of the order action during an offer of the item as specified any one of a group including a code and a command included within the information related to the item.

150. (Withdrawn) The method of claim 144 wherein the item identity is received within the data transmitted from the server system to the client system.

151. (Withdrawn) The method of claim 144 wherein the data includes multiplexed first and second streams of packets, the first stream of packets including display information to generate an image on a display of the client system, and the second stream of packets including a computing application.

152. (Withdrawn) The method of claim 149 wherein the code is received within the data transmitted from the server system to the client system.

153. (Withdrawn) The method of claim 145 including prompting the user to perform the order action utilizing the client system.

154. (Withdrawn) The method of claim 153 wherein the prompting includes communicating any one of a group of prompts including a visual prompt and an audio prompt.

155. (Withdrawn) The method of claim 154 wherein the prompt includes any of a group including instructions, options and a menu.

156. (Withdrawn) The method of claim 153 wherein the prompting includes generating a audio prompt via an audio reproduction unit of the client system.

157. (Withdrawn) The method of claim 156 wherein the audio prompt comprises any one of a group including instructions, options and a menu.

158. (Withdrawn) The method of claim 145 wherein the detection of the order action includes detecting an interaction by the user with a control device of the client system.

159. (Withdrawn) The method of claim 158 wherein the interaction comprises a single action operation performed by the user.

160. (Withdrawn) The method of claim 159 wherein the single action operation comprises a single selection of a button of a remote control device.

161. (Withdrawn) The method of claim 144 wherein the retrieved personal information is retrieved from a storage device associated with the client system and wherein the order is caused to be placed by the client system by a communication with the server system.

162. (Withdrawn) The method of claim 144 including receiving a client application program at the client system from the server system, the client application program to cause the order to be placed.

163. (Withdrawn) The method of claim 162 wherein the client application program is received as part of the data.

164. (Withdrawn) The method of claim 144 including receiving, at the client system from the server system, an order confirmation.

165. A method to facilitate placing an order for an item, the method comprising:
_____ receiving an order request at a client system;
_____ automatically determining an item identity for an item to which the order request
pertains;

automatically retrieving personal information previously stored in a permanent memory in the client system, the retrieved personal information pertaining to a user associated with the client system; and

causing an order to be placed, the order including the item identity and the retrieved personal information.

166. The method of claim 165 wherein the order request is received at the client system through detection of an order action by the user utilizing the client system.

167. The method of claim 166 wherein the order action is performed during the showing and/or describing of the item via the client system.

168. (Withdrawn) The method of 166 wherein the order action includes input of the item identity into the client system.

169. (Withdrawn) The method of claim 166 including receiving information, at the client system from the server system, related to the item and wherein the automatic determination of the item identity includes relating the order action to the received information related to the item.

170. (Withdrawn) The method of claim 169 wherein the relating includes the detecting of the order action during an offer of the item as specified by any one of a group including a code and a command included within the received information related to the item.

171. (Withdrawn) The method of claim 165 wherein the item identity is received within data transmitted from a server system to the client system.

172. (Withdrawn) The method of claim 171 wherein the data includes multiplexed first and second streams of packets, the first stream of packets including display information to generate an image on a display of the client system, and the second stream of packets including an computing application.

173. (Withdrawn) The method of claim 170 wherein the code is received within data transmitted from a server system to the client system.

174. (Withdrawn) The method of claim 166 including prompting the user to perform the order action utilizing the client system.

175. (Withdrawn) The method of claim 174 wherein the prompting includes communicating any one of group of prompts including a visual prompt and an audio prompt.

176. (Withdrawn) The method of claim 175 wherein the prompt includes any of a group including instructions, options and a menu.

177. (Withdrawn) The method of claim 174 wherein the prompting includes generating an audio prompt via an audio reproduction unit of the client system

178. (Withdrawn) The method of claim 177 wherein the prompting includes generating an audio prompt via an audio reproduction unit of the client system.

179. (Withdrawn) The method of claim 166 wherein the detection of the order action includes detecting an interaction by the user with a control device of the client system.

180. (Withdrawn) The method of claim 179 wherein the interaction comprises a single action operation performed by the user.

181. (Withdrawn) The method of claim 180 wherein the single action operation comprises a single selection of a button of a remote control device.

182. (Withdrawn) The method of claim 165 wherein the retrieved personal information is retrieved from a storage device accessible by the client system and wherein the order is caused to be placed by the client system by a communication with the server system.

183. (Withdrawn) The method of claim 165 including receiving a client application program at the client system from the server system, the client application program to receive the order request and to cause the order to be placed.

184. (Withdrawn) The method of claim 183 wherein the client application program is received as part of data including content for display by the client system.

185. The method of claim 165 including receiving, at the client system from a server system, an order.

186. (Withdrawn) A method of facilitating placing of an order for an item, the method comprising communicating data to a client system, the data including:
information related to an item; and
information to be used by a computing application to receive an order request at the client system, automatically to determine an item identity for the item to which the order request pertains utilizing the information related to the item, automatically to retrieve personal information of a user associated with the client system, the retrieved personal information having been previously, and to cause an order to be placed, the order including the item identity and the retrieved personal information.

187. (Withdrawn) The method of claim 186 including inserting a code and/or a command into the information related to the item.

188. (Withdrawn) The method of claim 186 including inserting the item identity into the information related to the item.

189. (Withdrawn) The method of claim 186 including generating the data to include multiplexed first and second streams of packets, the first stream of packets including display information to generate an image on a display of the client system, and the second stream of packets including the information to be used by computing application.

190. (Withdrawn) The method of claim 186 comprising including a prompt within the information related to the item, the prompt to invite the user to order the item and including any one of a group comprising a visual and an audio prompt.

191. (Withdrawn) The method of claim 190 wherein the prompt includes any of a group including instructions, options and a menu.

192. (Withdrawn) The method of claim 186 comprising including an audio prompt within the information related to the item offered for sale.

193. (Withdrawn) The method of claim 190 wherein the audio prompt comprises any one a group including instructions, options and a menu.

194. (Withdrawn) The method of claim 186 wherein the computing application is for execution by the client system to detect an interaction by the user with a control device of the client system as an order action.

195. (Withdrawn) The method of claim 194 wherein the interaction comprises a single action operation performed by the user.

196. (Withdrawn) The method of claim 195 wherein the single action operation comprises a single selection of a button of a remote control device.

197. (Withdrawn) The method of claim 186 wherein the personal information is retrieved from a storage medium associated with the client system and wherein the order is caused to be placed by the client system by communication with the server system.

198. (Withdrawn) The method of claim 186 generating an order confirmation.

199. (Withdrawn) A system to facilitate placing an order for an item, the system comprising:
a server system to transmit data, the data including information related to an item; and
a client system to:
receive the data;
receive an order request;
automatically determine an item identity for an item to which the order request
pertains utilizing the information related to the item;
automatically retrieve personal information previously stored, the retrieved
personal information being associated with a user of the client system; and
cause an order to be placed, the order including the item identity and the retrieved
personal information.

200. (Withdrawn) The system of claim 199 wherein the client system is to receive the order request through detection of an order action by the user.

201. (Withdrawn) The system of claim 200 wherein client system is to detect the order action during the showing and/or describing of the item by the client system utilizing the information related to the item.

202. (Withdrawn) The system of claim 200 wherein the client system is to receive input of the item identity into the client system as part of the order action.

203. (Withdrawn) The system of claim 200 wherein the client system is to relate the order action to the information related to the item.

204. (Withdrawn) The system of claim 203 wherein the clients system is to detect the order action during an offer of the item as specified any one of a group including a code and a command included within the information related to the item.

205. (Withdrawn) The system of claim 199 wherein the data includes multiplexed first and second streams of packets, the first stream of packets including display information to generate an image on a display of the client system, and the second stream of packets including a computing application.

206. (Withdrawn) The system of claim 200 wherein the client system is to prompt the user to perform the order action utilizing the client system.

207. (Withdrawn) The system of claim 206 wherein the client system is to communicate a prompt.

208. (Withdrawn) The system of claim 207 wherein the prompt includes any of a group including an indicia, instructions and a menu.

209. (Withdrawn) The system of claim 206 wherein the clients system is to generate an audio prompt via an audio reproduction unit of the client system.

210. (Withdrawn) The system of claim 209 wherein the audio prompt comprises any one of a group including instructions, options and a menu.

211. (Withdrawn) The system of claim 200 wherein the client system is to detect the order action by detecting an interaction by the user with a control device of the client system.

212. (Withdrawn) The system of claim 211 wherein the interaction comprises a single action operation performed by the user.

213. (Withdrawn) The system of claim 212 wherein the single action operation comprises a single selection of a button of a remote control device.

214. (Withdrawn) The system of claim 199 wherein the retrieved personal information is retrieved from a storage device associated with the client system and wherein the order is caused to be placed by the client system by a communication with the server system.

215. (Withdrawn) The system of claim 199 wherein the client system is to receive a client application program from the server system, the client application program being executable by the client system to cause the order to be placed.

216. (Withdrawn) The system of claim 215 wherein the client application program is received as part of the data.

217. (Withdrawn) The system of claim 199 wherein the client system is to receive an order confirmation.

218. A client system including:

a receiver to receive data including information related to an item; and

a processing unit to:

receive an order request;

automatically determine an item identity for the item utilizing the information related to the item;

automatically retrieve personal information previously stored in a permanent memory in the client system, the retrieved personal information pertaining to a user associated with the client system; and

cause an order to be placed, the order including the item identity and the retrieved personal information.

219. The system of claim 218 wherein the processing unit is to receive the order request through detection of an order action by the user.

220. The system of claim 219 wherein processing unit is to detect the order action during the showing and/or describing of the item by the client system utilizing the information related to the item.

221. (Withdrawn) The system of claim 219 wherein the processing unit is to receive input of the item identity as part of the order action.

222. (Withdrawn) The system of claim 219 wherein the processing unit is to relate the order action to the information related to the item.

223. (Withdrawn) The system of claim 219 wherein the processing unit to detect the order action during an offer of the item as specified any one of a group including by a code and a command included within the information related to the item.

224. (Withdrawn) The system of claim 218 wherein the receiver is to receive the data as multiplexed first and second streams of packets, the first stream of packets including display information to generate an image on a display of the client system, and the second stream of packets including information to be processed by an computing application, the receiver further including a first extractor to extract the first stream of packets from the data and a second extractor to extract the second stream of packets from the data.

225. (Withdrawn) The system of claim 219 wherein the processing unit and/or the receiver is to prompt the user to perform the order action utilizing the client system.

226. (Withdrawn) The system of claim 225 wherein the processing unit and/or the receiver is to communicate a prompt via the client system.

227. (Withdrawn) The system of claim 226 wherein the prompt includes any of a group including an indicia, instructions and a menu.

228. (Withdrawn) The system of claim 228 wherein the processing unit and/or the receiver is to generate an audio prompt via an audio reproduction unit of the client system.

229. (Withdrawn) The system of claim 228 wherein the audio prompt comprises any one of a group including instructions, options and a menu.

230. (Withdrawn) The system of claim 219 wherein the processing unit is to detect the order action by detecting an interaction by the user with a control device of the client system.

231. (Withdrawn) The system of claim 230 wherein the interaction comprises a single action operation performed by the user.

232. (Withdrawn) The system of claim 231 wherein the single action operation comprises a single selection of a button of a remote control device.

233. (Withdrawn) The system of claim 218 including a storage medium from which the retrieved personal information is retrieved and wherein the order is placed by the client system utilizing a communication with a server system.

234. (Withdrawn) The system of claim 218 wherein the receiver to receive a client application program from a server system, the client application program being executable by the processing unit to receive the order request and to place the order.

235. (Withdrawn) The system of claim 234 wherein the receiver is to receive the client application program as part of the data.

236. The system of claim 218 wherein the receiver is to receive an order confirmation.

237. (Withdrawn) A server system to facilitate placing of an order for an item, the system comprising:

- _____ a first source to provide first information related to an item;
- _____ a second source to provide second information to be used by a computing application to receive an order request, automatically to determine an item identity for an item to which the order request pertains, automatically to retrieve personal information of a user associated with the client system, the retrieved personal information having been previously stored, and to cause an order to be placed, the order including the item identity and the retrieved personal information; and
- _____ a multiplexer to communicate the first and second information to a client system.

238. (Withdrawn) The system of claim 237 wherein the multiplexer is to generate data to include multiplexed first and second streams of packets comprising the first and second information respectively.

239. (Withdrawn) (Previously Amended) The system of claim 237 wherein the first source and/or the second source is to include a prompt within the data related to the item.

240. (Withdrawn) The system of claim 239 wherein the prompt includes any of a group including an indicia, instructions and a menu.

241. (Withdrawn) The method of claim 237 wherein the application source and/or data source is to include an audio prompt within the information related to the item offered for sale.

242. (Withdrawn) The method of claim 241 wherein the audio prompt comprises any one of a group including instructions, options and a menu.

243. (Withdrawn) The method of claim 237 wherein a detection of an order action by the computing application includes detecting an interaction by the user with a control device of the client system.

244. (Withdrawn) The method of claim 243 wherein the interaction comprises a single action operation performed by the user.

245. (Withdrawn) The method of claim 244 wherein the single action operation comprises a single selection of a button of a remote control device.

246. (Withdrawn) The method of claim 151 wherein the second stream of packets includes code modules that comprise the computing application and data modules including data to be processed by the computing application.

247. (Withdrawn) The method of claim 172 wherein the second stream of packets includes code modules that comprise the computing application and data modules including data to be processed by the computing application.

248. (Withdrawn) The method of claim 189 wherein the second stream of packets includes code modules that comprise the computing application and data modules including the information to be used by the computing application.

249. (Withdrawn) The system of claim 205 wherein the second stream of packets includes code modules that comprise the computing application and data modules including data to be processed by the computing application.

250. (Withdrawn) The system of claim 224 wherein the second stream of packets includes at least a portion of the computing application.

251. (Withdrawn) The system of claim 237 wherein the second information includes at least a portion of the computing application.

252. A machine-readable medium embodying a sequence of instructions that, when executed by a machine, cause the machine to facilitate placing an order for an item by:

receiving an order request at a client system;

automatically determining an item identity for an item to which the order request pertains;

automatically retrieving personal information previously stored in a permanent memory in the client system, the retrieved personal information pertaining to a user associated with the client system; and

causing an order to be placed, the order including the item identity and the retrieved personal information.

253. (Withdrawn) A machine-readable medium embodying a sequence of instructions that, when executed by a machine, cause the machine to facilitate placing of an order for an item by communicating data to a client system, the data including:

information related to an item; and

information to be used by a computing application to receive an order request at the client system, automatically to determine an item identity for an item to which the order request pertains utilizing the information related to the item, automatically to retrieve personal information of a user associated with the client system, the retrieved personal information having been previously stored, and to cause an order to be placed, the order including the item identity and the retrieved personal information.

254. A method of facilitating placing an order for an item, the method comprising:

receiving an order request at a client system;

automatically determining an offering identity for an offering to which the order request pertains;

automatically retrieving previously stored personal information, the retrieved personal information pertaining to a user associated with the client system; and

causing an order to be placed, the order including the offering identity and the retrieved personal information.

255. (Withdrawn) A method of facilitating placing of an order, the method comprising communicating data to a client system, the data including:

information related to an offering; and

information to be used by a computing application to receive an order request at the client system, automatically to determine an offering identity for the offering utilizing the information related to the offering, automatically to retrieve personal information of a user associated with the client system, the retrieved personal information having been previously stored, and to cause an order to be placed, the order including the offering identity and the retrieved personal information.

256. The method of claim 165, wherein the client system is associated with a television receiver.

257. The method of claim 165, wherein the client system is associated with a television set-top box.

258. The machine-readable medium of claim 252, wherein the client system is associated with a television receiver.

259. The machine-readable medium of claim 252, wherein the client system is associated with a television set-top box.

260. An interactive television system, the system including:

a receiver to receive data including information related to an item; and

a processing unit to:

receive an order request;

Title: APPARATUS FOR TRANSMITTING AND RECEIVING EXECUTABLE APPLICATIONS AS FOR A MULTIMEDIA SYSTEM,
AND METHOD AND SYSTEM TO ORDER AN ITEM USING A DISTRIBUTED COMPUTING SYSTEM

automatically determine an item identity for the item utilizing the information
related to the item;

automatically retrieve personal information previously stored in a permanent
memory in the client system, the retrieved personal information pertaining to a user
associated with the client system; and

cause an order to be placed, the order including the item identity and the retrieved
personal information.

261. The interactive television system of claim 261, wherein the receiver and the processing
unit reside in a television set-top box.